

ABSTRACT

A process for preparing a blow molding preform comprises melting plastic flakes in a plasticizing screw extruder to prepare a homogeneous stream of hot polymer melt at the discharge of the extruder, cooling the polymer melt stream to a temperature at least 20 degrees Centigrade below the extruder discharge temperature by heat exchange with a liquid heat transfer medium, and forming the cooled polymer melt into a blow molding preform.